## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP01/03404

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl <sup>7</sup> G11B21/21 101			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)  Int.Cl <sup>7</sup> G11B21/21 101, 5/60			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2001 Kokai Jitsuyo Shinan Koho 1971-2001 Jitsuyo Shinan Toroku Koho 1996-2001			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap		Relevant to claim No.
A	JP 2001-6308 A (Fujitsu Limited 12 January, 2001 (12.01.01), pages 4 to 7; Figs. 2 to 6 (F	d), amily: none)	1-11
A	JP 2000-306226 A (Fujitsu Limited), 02 November, 2000 (02.11.00), pages 2 to 6; Fig. 2 (Family: none)		1-11
A	JP 2000-173217 A (Fujitsu Limited), 23 June, 2000 (23.06.00), pages 3 to 7; Fig. 2 & DE 19929504 A & CN 1249516 A		1-11
A	JP 10-11931 A (Fujitsu Limited) 16 January, 1998 (16.01.98) pages 2 to 4; Figs. 1 to 4 (Family: none)		1-11
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Further documents are listed in the continuation of Box C. See patent family annex.			
"A" document defining the general state of the art which is not		<sup>48</sup> T <sup>49</sup> later document published after the international filing date or priority date and not in conflict with the application but cited to	
conside	red to be of particular relevance document but published on or after the international filing	understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be	
date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other		considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be	
	reason (as specified) ant referring to an oral disclosure, use, exhibition or other	considered to involve an inventive step when the document is combined with one or more other such documents, such	
means "P" docume	ent published prior to the international filing date but later priority date claimed	combination being obvious to a person skilled in the art  "&" document member of the same patent family	
Date of the actual completion of the international search 17 July, 2001 (17.07.01)		Date of mailing of the international search report 31 July, 2001 (31.07.01)	
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
Facsimile No.		Telephone No.	